SBR No. 41/24-25
DATED 06.07.24

EE/ELE/Y/BR.No.....

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

Dt.....

No. 1st & Final Bill (For Other Works) Date.....2024

Division: **Electrical (yelahanka)** Sub-Division: **Electricals**

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Job Code No :003-24-000012

Schedule Docket No. Head of Account : **P-CODE: P0486(M &R to Burial Ground and Ghats,)**

Name of Work:- Shifting of existing High Masts to road side and trencless cabling work in Yelahanka Division.

Name of Contractor and Full Address: M/s Chowdeshwari Electricals.

Reference to Agreement No:- BBMP/EE/ELE/YZ/AGR/000005/2023-24 Date 13/03/2024

Work order No:- EE(Ele)/YZ/W.O/000005/2023-24 10/06/24 Date 13/03/2024

Certified that the measurements were taken by me on 2606/23-24 and recorded of Pages 260554 to 260556 of measurement Book No. 2606/23-24 and that the work is satisfactorily executed.

For Chowdeshwari Electricals

Proprietor

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 24/06/24 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	1st and Final Bill	534635=00
2) Deduct amount to be held in reserve being .....percent Rs.....		
3) " Balance		
4) Deduct Payment:		
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of	IT 1/4	5346=00
	LLC 1/4	5346=00
	COST 1/4	5346=00
	SCUST 1/4	5346=00
	CBT-0.1/4	5345=00
	Deduction	21919=00
b) Payments Now made cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.	By Cheque	512716=00
5) Balance being unpaid value of work done held in reserve.		
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.		
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within.		
9) Value of Government materials supplied.		
Total amount adjusted		

For Chowdeshwari Electricals

Contractor's Signature

Proprietor

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Witness For Chowdeshwari Electricals

1.

2.

Dated Signature of Contractor

Proprietor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P0486 M and R to Gh

ರೂ: 534635=00 ಅಡಿಯಲ್ಲಿ ಮಾಡಿ ಸ್ವೀಕರಿಸಿದೆ

ರೂ: 512716=00 ಹಣ ನಿಡಲುದ್ದೇಶಿಸಲಾಗಿದೆ

ರೂ: 21919=00 ಕಡಿತಮಾಡಿಕೆ ಮಾಡಿದೆ

6/2/24

ಲೆಕ್ಕ ಅಧೀಕ್ಷಕರು

Executive Engineer

ಕಾ.ಮಾ.ಅ.(ಬ) ಯಲಹಂಕ ವಲಯ

Sl. No	Description	Unit
	Name Of Work:- Shifting of existing High Masts to road side and trencless cabling work in Yelahanka Division.	
1	Supply of LED floodlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate/clear glass material, delivering superior light output Rated life Burning Hrs 50000 hr @ Lumen Maintenance of UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with ..... W System Power consumption. LED Efficiency> 1301m/w, nominal CRI >75. Luminaire manufacturer should have in- house facility accredited by NABL / CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008. Housing with supplier word mark / name shall be Engraved / Embossing on the die cast housing / Body part Warranty of 2 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED manufacturer & Cree/Nichia/ Lumileds/Osram make LED Source. **LED Floodlight 240W**	Each
2	Fixing halogen/metal halide /SVL/IL/LED floodlight fitting over existingpole /wall ceilingincluding clamps, bolts, nutsandwiring using suitable capacity wires.	Each
3	Optical Fibre Cable (OFC) and its Accessories HDPE/PLB Pipe 40/33 mm	KM
4	Laying of UG Cables by Trenchless Technology (HDD) by adopting Horizontal Boring & Drawing of cable including preparation at site Normal soil 5/6" Bore	Rmtr
5	1.1 kV, XLPE or Heat resistant PVC insulated, PVC exutruted Inner Seath Armoured LTUG Cable as per IS-1554 (Part 1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975.25 Sqmm, 4 Core, (13 GI Strips - 4 x 0.8 mm)	KM
6	Laying of cable in Existing Trench/GI pipe/Stone Ware/RCC Hume pipe using Wooden/Aluminum Rollers as directed by the departmental staff.2.5 to 25 Sqmm	KM
7	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Depth exceeding 1.5m, but not exceeding 3 m	m^3
8	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.(V-III, I.No 13.1 Page No 99, PWD SR 2021-22)	Kgs
9	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates	Cums
10	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other.appurtenances required to complete the work as per technical specifications.(The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cums
11	Mobile Hydraulic Crane 20 t capacity	Hr

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty	Cost	Qty	Rate	Amount	Qty	Cost	
		9	15000.00	135000.00	9.00	135000.00	
		9	50.00	450.00	9.00	450.00	
		0.10	50000.00	5000.00	0.10	5000.00	
		100.00	750.00	75000.00	100.00	75000.00	
		0.12	125000.00	15000.00	0.12	15000.00	
		0.12	18000.00	2160.00	0.12	2160.00	
		22.50	150.00	3375.00	22.50	3375.00	
		268.00	50.00	13400.00	268.00	13400.00	
		1.35	4500.00	6075.00	1.35	6075.00	
		4.15	6500.00	26975.00	4.15	26975.00	
		20	1100.00	22000.00	20.00	22000.00	

CFC
29/06/24

12	Rod type of earthing using 40 mm Dia, 3 Mtr long MS rod as ground rod, in earth pit of 300 mm width and 3300 mm depth and using 50x6 mm flat welded to ground rod as terminal & connected to equipment ground terminal using PVC Al wire as specified	No
13	Supply and fixing of 4pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947.95/100 A	Each
14	Fabricating supplying and mounting MS box made out ....SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover,equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 7tanks treatment with powder coated paint and finally finished with approved colour etc., complete. 18 SWG	cm^2
15	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts, necessary phase separators, handle and wiring complete. Protection of Overload and Short circuit in Thermal Magnetic Release. Micro processor release shall have Earth Fault as per IS-13947. (Icu=100% Ics). In 4P MCCB, all Poles should have protection for Short-Cicrcuit/Over Load.For Microprocessor MCCBS Facility for segregating Priority and Non-Priority loads must be available in the MCCB. MCCB shall be provided with double insulation (insulation between front cover and internal power circuits to avoid any accidental contact with live current carrying path with the front cover open). Multi-pole breakers shall be designed to break all the poles simultaneously and they shall have a single mechanism.FOUR POLE100Amps 25kA.	Each
16	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32Amps SP	Each
	Total Rs (Inclusive 18% GST)	

Certificate: 1. Certefied that the Above Work has been carreid out satisfactorily
2. This Bill amount has not been claimed in any previous bills.

Assistant Executive Engineer (Ele)
BBMP, Bangalore

		2	1500.00	3000.00	2.00	3000.00	
		8	9500.00	76000.00	8.00	76000.00	
		240000	0.30	72000.00	240000.00	72000.00	
		8	9500.00	76000.00	8.00	76000.00	
		8	400.00	3200.00	8.00	3200.00	
				534635.00		**534635.00**	

CFC
28/06/24